

White Ash

Fraxinus americana



Type	Deciduous Tree
Height	50 - 80 Feet
Spread	50 - 75 Feet
Form	Rounded
Utilities	Incompatible
Growth Rate	Moderate
Life Expectancy	Long
USDA Zone	3 - 9
Root Type	Fibrous Shallow



Plant Community

Sun	Full Sun through Shade
Orientation	All Orientations
Soil Texture	Loamy Sand through Silty Clay Loam
Soil Water Holding Capacity	Xeric or Mesic
Topography	Upland
Plant Community	Forest
Succession	Intermediate or Climax



Origin MSA Zone 1, MSA Zone 2, Minnesota or North America

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Flowers/Foliage/Fruit

Flower Color Purple

Flower Season Spring

Fruit Samara

Fruit Color Tan

Fruit Season Spring, Summer, Autumn or Winter

Summer Texture Medium

Winter Texture Coarse

Spring Foliage Green

Summer Foliage Green

Fall Foliage Purple

Winter Foliage Not Applicable

Soils

Salt Spray Moderate

Soil Salt Moderate

Compaction Moderate

Water Table 12 Inches

Drainage Moderate

Flood Tolerance Moderate

Drought Tolerance Sensitive

Moisture Regime Dry, Moist or Wet

pH 5 through 7.5

Planting Ease

Spring Bareroot Easy

Fall Bareroot Difficult

Spring Container Easy

Fall Container Easy

Spring Seed

Fall Seed

Windbreak Group WSG1 or WSG3

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Maintenance

Formal	Moderate
Informal	Low
2, 4-D Tolerance	Tolerant
DicambaTolerance	Tolerant
PicloramTolerance	Sensitive
Clopyralid Tolerance	
Artificial Light	Tolerant
Sulfur Dioxide	Moderate
Ozone Tolerance	Sensitive
Hydrogen Flouride	
Nitrogen Oxide	



Pests/Problems

Allergens both sexes 9

Invasivness

Toxicity

Cold Injury Frequent

Storm Damage Frequent

Biological Control

Mechanical Control

Chemical Control

Miscellaneous

Wildlife Rating Low

Insect Concerns Minor

Disease Concerns Major

Wildlife Concerns Mice

Comments

Only northern seed source strains should be planted in Minnesota. Good for parks and large areas. Multiple potential insect and pest problems can be avoided if tree is vigorous.